

Suspension

Flocculated

Non-flocculated

Flocculated

Non-Flocculated

- Individual particles are ^{loose} in contact with each other and form a Network Like Structure.

The Individual Particles exist as a separate entity

- Rate of Sedimentation is high

[DEPTH OF BIOLOGY]

Rate of Sedimentation Low

- Sedimentation is rapidly formed

Sedimentation is slowly formed

- Sediment is easily redispersed.

Sediment is not easily redispersed

- loosely Packed ^{and do} Sediment not form Hard Cake.

Closely Pack ^{and do} Sediment and form Hard Cake.

- Supernatant ^{ant} liquid is clear.

Turbid

[DEPTH OF BIOLOGY]

- Floccules stick to the side of bottle.

Not stick

Date: |

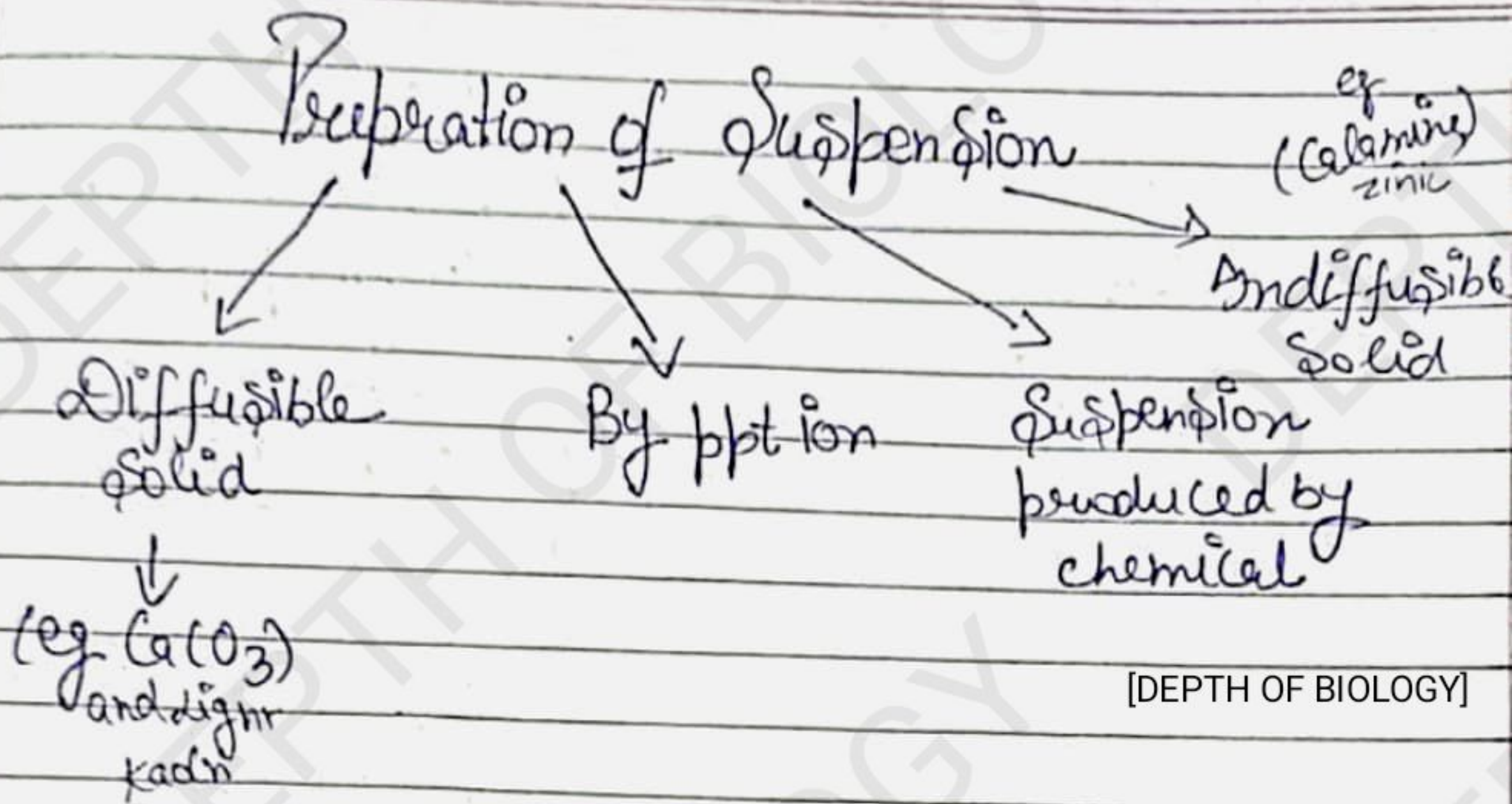
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→ Not pleasing in appearance

Not pleasing in appearance

→ ppt. form of solution

[DEPTH OF BIOLOGY]



[DEPTH OF BIOLOGY]

Diffusible solid $\Rightarrow$ Take the container.

↓
Make fine powder of solid
unmixed

↓
Mix Insoluble Powder
in Mortar

↓
And Mix vehicle until it
Makes Soft Cream

↓
Add more vehicle (viscosity ↓
powder ↑)

[DEPTH OF BIOLOGY]

Examine | BB

↓
3f Foreign Particle

[DEPTH OF BIOLOGY]

↓ If Present then

Then stain it with
Mucic paper

⇓
Rinse the Mortar and
Pestle with vehicle until
it clean

[DEPTH OF BIOLOGY]

↓
Rinsing

↓
Transfer into Bottel
Container

⇓
Add any liquid
Antigredient

⇓
Add More vehicle
to make up the
Required volume

[DEPTH OF BIOLOGY]

↓
Mix through
Shaking

Indiffusible Solid



Those substance which do not dissolve in H_2O . and do not remain distributed in vehicle for sufficient long time

⇒ Make Fine Powder of Solid Ingredient



Mace in Mortar and add Compound Fragrant Powder.



For Make Smooth Cream (Add $3/4^{th}$ part of vehicle into Mortar) and triturate it.

Examine ↓ 

If Foreign Particle



if present then

Then strain it with Mucilin paper



Rinse the P Mortar and Pestle with vehicle until it clean



Rinsing



Transfer into Bottel Container



Add any liquid ingredient



Add More vehicle to make up the required vehicle



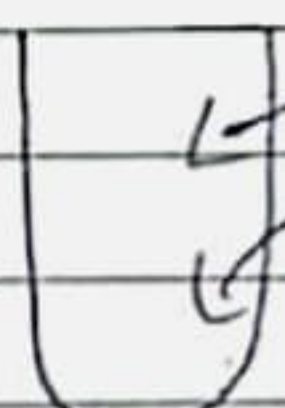
[DEPTH OF BIOLOGY]

Mix through shaking

- By ppt precipitation

⇒ Suspension containing ppt forming liquid

eg ⇒ Benzoin


 diffusible
 Indiffusible
 + Tragacanth

[DEPTH OF BIOLOGY]

MORTAR [100% में से > 50% vehicle में है]



Triturate it to form a soft Cream

Measure करी ppt बनाने वाले liquid की
 ↓ (Dry Measure में)

STREAM बना कर Cream के center में add करे
 with rapid stirring

[DEPTH OF BIOLOGY]

Dissolve the soluble ingredient in sufficient amount of vehicle $\rightarrow$ Rinse $\rightarrow$ Container

$\Downarrow$
Add any liquid ingredient

$\Downarrow$
Add More vehicle to make up the required vehicle

$\downarrow$
Mix through shaking

— Suspension Produced By Chemical Reaction

$\Rightarrow$ Highly dilute solution are mixed together

$\Downarrow$

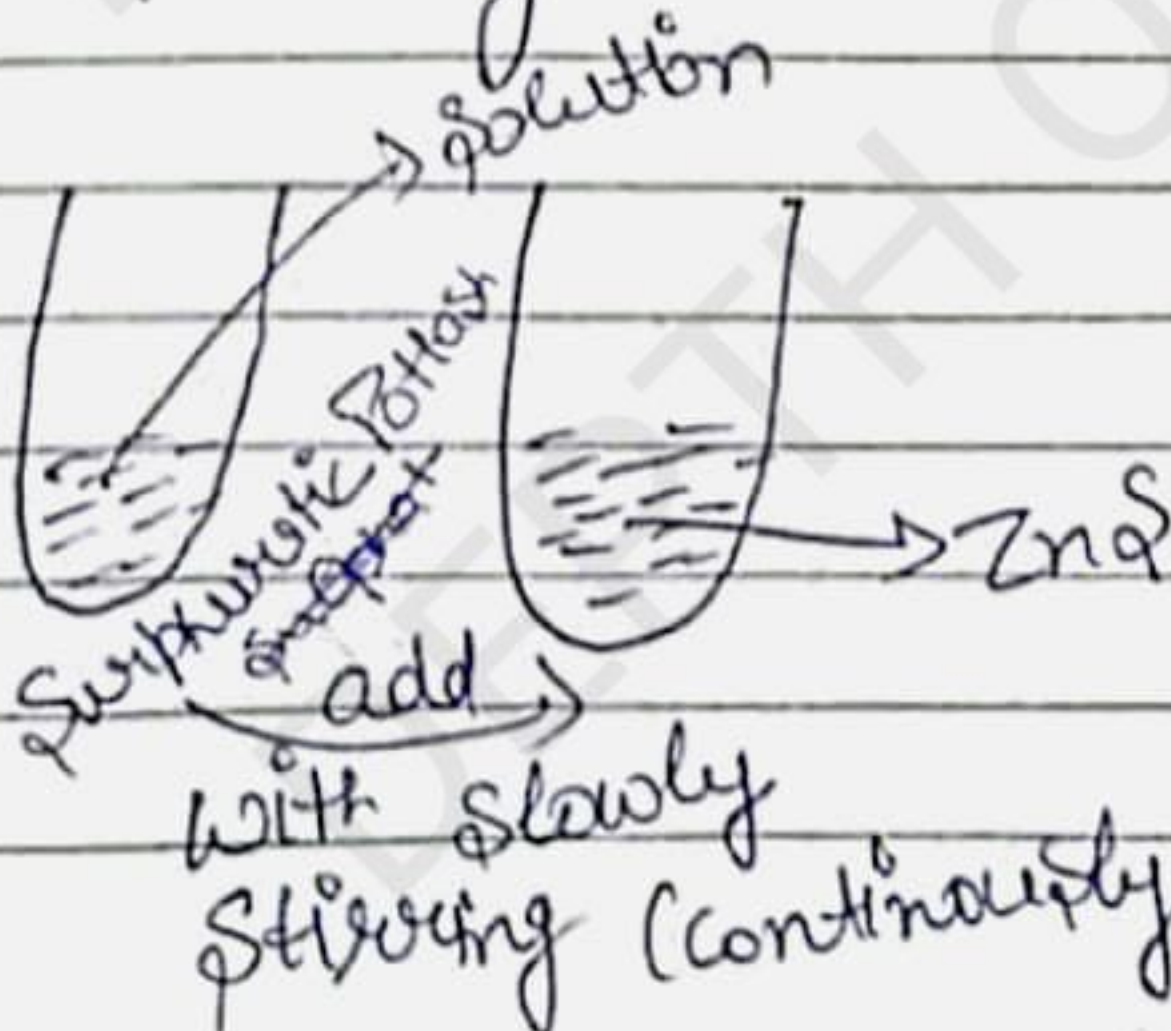
Form finely divided ppt

$\Downarrow$

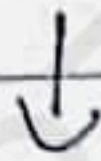
easily distribute throughout the liquid
By shaking

[DEPTH OF BIOLOGY]

Dissolve Sulphurated iotaph and ZnS $\rightarrow$
Separately

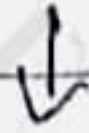


[DEPTH OF BIOLOGY]



Transfer into Bottel

[DEPTH OF BIOLOGY]



Add Compaire H_2O (Vigorous shaking)



[DEPTH OF BIOLOGY]

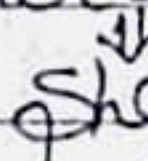
for dissolve residue



Mix it well and Make up the volume

⇒

Labelle



Shake well

Before use

[DEPTH OF BIOLOGY]